

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 94-059

WASTE DISCHARGE REQUIREMENTS FOR:

COYOTE VALLEY DRIVING RANGE  
WILLIAM R. KALSCHED, HOWARD E. MANSON, AND FRANK R. THATCHER  
SANTA CLARA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter Board) finds that:

1. William R. Kalsched, Howard E. Manson, and Frank R. Thatcher, owners (hereinafter collectively known as Discharger), submitted a Report of Waste Discharge dated August 11, 1993 and additional information dated November 16, 1993 and March 17, 1994 for the discharge of domestic wastewater from restrooms at a proposed golf driving range and pro shop located southeast of the intersection of Richmond Avenue and Santa Teresa Boulevard in the Coyote Valley Urban Reserve, in unincorporated Santa Clara County.
2. The Discharger proposes to discharge a maximum of 450 gallons per day of sanitary waste from restrooms into a 1,500 gallon concrete septic tank and engineered mounded bed system. The system will be located on level ground, and is designed in conformance with *Guidelines for Mound Systems*, California State Water Resources Control Board, dated January 1980. The mound body fill material will be medium grained sand, and the distribution system and bed material will be schedule 40 PVC pipe (3" diameter) and 3/4" to 2 1/2" diameter washed gravel.
3. The Board adopted a revised Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan) on December 17, 1986, prescribing water quality objectives for the ground waters underlying Santa Clara County. The Board amended its Basin Plan on September 16, 1992, and the State Water Resources Control Board (State Board) approved it on April 27, 1993, with approval from the State Office of Administrative Law pending. The Basin Plan prohibits the discharge of any untreated sewage or any waste failing to meet waste discharge requirements to any waters of the state. The Basin Plan identifies beneficial uses of the underlying groundwaters as:
  - Industrial service and supply
  - Municipal and domestic supply
  - Agricultural supply

4. The County of Santa Clara determined on the basis of an Initial Study that the project, as described, will have no significant effect on the environment, and therefore adopted a Negative Declaration regarding this project dated January 24, 1994 in accordance with the California Environmental Quality Act (Public Resources Code Section 2100 et. seq.).
5. The Board has reviewed the Negative Declaration and has determined that there will be no substantial adverse changes in water quality as a result of the project.
6. The Board has notified the Discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with the opportunity for a public hearing and an opportunity to submit their written views and recommendations.
7. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED that William R. Kalsched, Howard E. Manson, and Frank R. Thatcher, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following:

A. Discharge Prohibitions

1. There shall be no surfacing of wastewater effluent at any time.
2. No domestic wastewaters shall be allowed to escape from the Discharger's property into waters of the state via surface flow or surfacing after percolation.
3. There shall be no bypassing or overflow of the collection system, septic tank, or mounded bed system.
4. The volume of waste discharged to the mounded bed system shall not exceed 450 gallons per day.
5. The discharge of waste to the mound system other than domestic waste is prohibited.

B. Specifications

1. The treatment or disposal of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. The disposal of waste shall not cause degradation of ground or surface

water suitable for domestic water supply or cause an increase in any water quality parameter that would impair beneficial uses listed in Finding 3 of this Order.

C. Provisions

1. All portions of this Order shall be complied with immediately upon commencement of discharge.
2. The Discharger shall file with the Regional Board a Report of Waste Discharge at least 120 days before making any material change in the character, location, or volume of the discharge.
3. The Discharger shall comply with the attached self-monitoring program as adopted by the Board and as may be amended by the Executive Officer.
4. The Discharger shall maintain in good working order and operate as efficiently as possible any facility or control system installed by the Discharger to achieve compliance with the waste discharge requirements.
5. The Discharger shall provide employee training to assure proper operation of waste discharge facilities, worker protection, and compliance with this Order. At a minimum, individuals responsible for operation of the facilities shall be provided with a copy of the Operation and Maintenance Manual furnished by the designer of the waste discharge facilities.
6. The Discharger shall permit the Board or its authorized representative in accordance with California Water Code Section 13267(c):
  - a. Entry upon premises where a regulated facility or activity is located or conducted, or where records are kept under the conditions of the Order.
  - b. Access to and copy of any records that must be kept under the conditions of this Order.
  - c. Inspection of any facility, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order.
  - d. To photograph, sample, and monitor for the purpose of assuring compliance with this Order.
7. In the event of any change in control or ownership of the land or the waste

discharge facilities presently owned or controlled by the Discharger, the Discharger shall notify the succeeding owner or operator of the existence of this Order by a letter, a copy of which shall be forwarded to the Board.

8. The Board will revise this Order periodically and may revise these requirements when necessary.

I, Steven R. Ritchie, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on May 18, 1994.



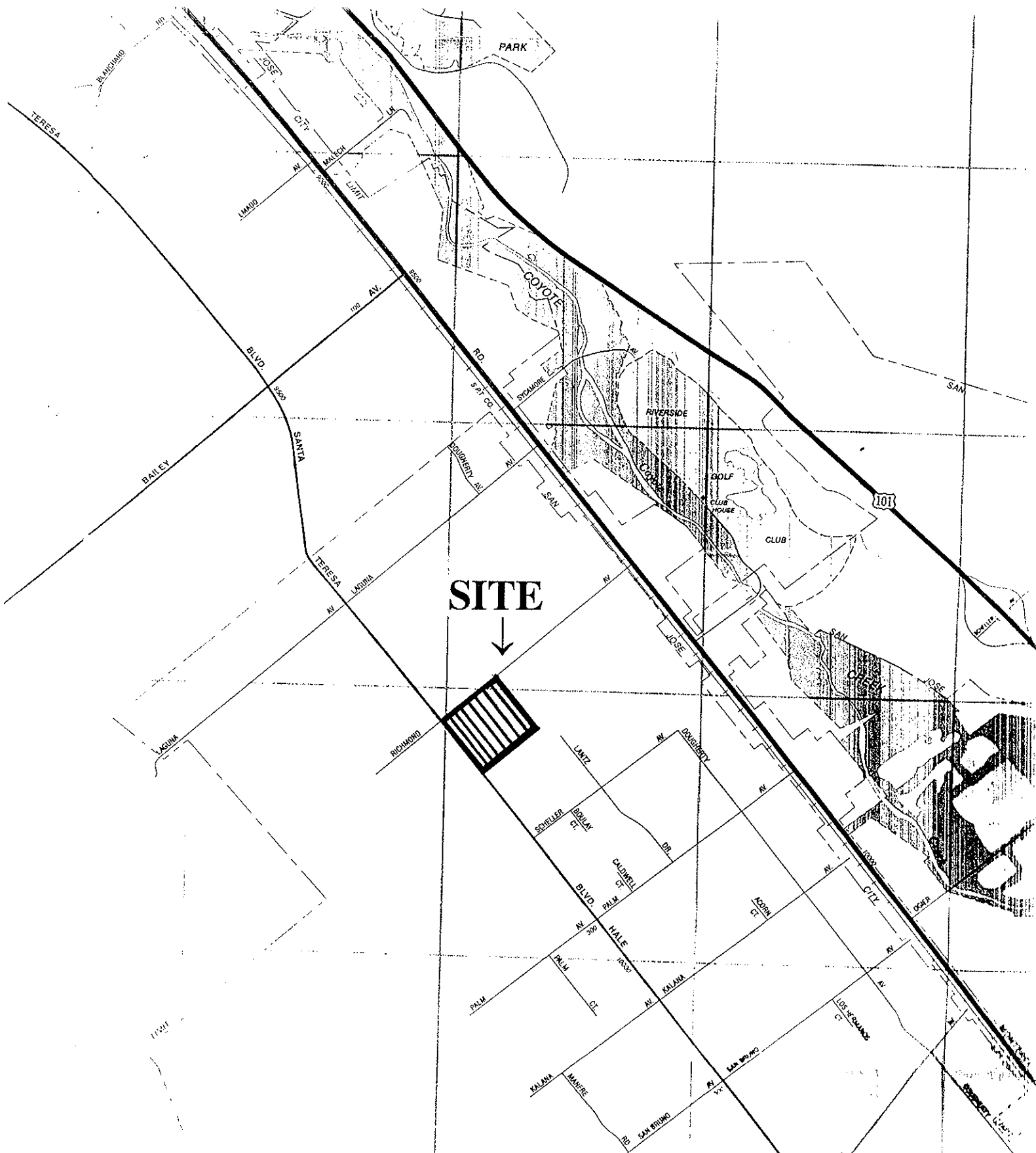
STEVEN R. RITCHIE  
EXECUTIVE OFFICER

Attachments:

- A. Location Maps
- B. Self-Monitoring Program
- C. Standard Provisions and Reporting Requirements for Non-NPDES Wastewater Discharge Permits

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File No. 2189.8475 (SMM)



1500 GAL. SEPTIC TANK

1500 GAL. PUMP CHAMBER

PRO  
SHOP

A-1

ZABEL  
FILTER

3" PRESSURE PVC PIPE

M-1

PRIMARY MOUND AREA

M-2

M-3

M-4

M-5

P<sub>1</sub>

P<sub>2</sub>

P<sub>3</sub>

PERCOLATION  
TEST LOCATION  
(PRIMARY AREA)

OLEANDI

61.55' (R = 40')

40'

33'

60'

37.5'

12'

~25'

~25'

10' MIN.

40'

Attachment B, Order No. 94-059

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM  
FOR

COYOTE VALLEY DRIVING RANGE  
MOUNDED BED SYSTEM

SANTA CLARA COUNTY

ORDER NO. 94-059

CONSISTS OF

PART A (dated 8/93)

AND

PART B



SELF-MONITORING PROGRAM  
COYOTE VALLEY DRIVING RANGE  
PART B

**I. DESCRIPTION OF SAMPLING STATIONS**

<u>Station</u>	<u>Location</u>
A-1	Water meter or counter on the pump controls, whichever applicable, monitored to determine daily flow to the mound system.
M-1	Ground water monitoring well located 25 feet east of the mounded bed system.
M-2	Ground water monitoring well located within the distribution bed of the mounded bed system, used to monitor water level in the system.
M-3	Ground water monitoring well located within the mound body of the system, but outside of the distribution bed, used to monitor water level in the system.
M-4	Ground water monitoring well located immediately west of the mounded bed system.
M-5	Ground water monitoring well located 25 feet west of the mounded bed system.
S-1 through S-n	Points along the mound system at which surfacing wastewater would be apparent.

**II. SCHEDULE OF SAMPLING, ANALYSES, AND OBSERVATIONS**

See Table 1, next page, for monitoring requirements. All samples made pursuant to requirements in Table 1 shall be grab samples.

**III. MODIFICATIONS TO PART A**

The following sections of Part A (dated 8/93) of the Self-Monitoring Program do not apply to the waste discharged at the Coyote Valley Driving Range mounded bed system site:

C.1.a, C.1.b, C.1.c, D.1.a, D.1.d, D.2.b, E.4.b, E.4.d, F.5

**TABLE 1**  
**SCHEDULE OF SAMPLING, ANALYSES, AND OBSERVATIONS\***  
**Coyote Valley Driving Range**  
**Santa Clara County**

STATION	FREQUENCY OF SAMPLING	TYPE OF ANALYSIS OR OBSERVATION	UNIT
A-1	Monthly	Average Daily Flow of Water Disposed in Mound System	Gallons per Day
M-1	Quarterly	(1) Nitrate-Nitrogen (2) Total Coliform (3) Fecal Coliform	mg/l MPN/100 ml MPN/100 ml
M-2	Weekly	Water Level	Depth from Surface in Inches
M-3	Weekly	Water Level	Depth from Surface in Inches
M-4	Quarterly	(1) Nitrate-Nitrogen (2) Total Coliform (3) Fecal Coliform	mg/l MPN/100 ml MPN/100 ml
M-5	Quarterly	(1) Nitrate-Nitrogen (2) Total Coliform (3) Fecal Coliform	mg/l MPN/100 ml MPN/100 ml
S-1 through S-n*	Whenever Leachate Surfaces	(1) Area over which surfacing occurs  (2) Presence or absence of odors  (3) Location of surfacing (use map) wastewater  (4) Total Coliform  (5) Fecal Coliform	Square Feet     MPN/100 ml  MPN/100 ml

\* An observation will be made for surfacing leachate weekly and reports will be submitted to the Regional Board quarterly (i.e., on the 15th of Jan., Apr., July, and Oct.).

I, Steven R. Ritchie, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 94-059.
2. Has been ordered by the Board on May 18, 1994.
3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the Discharger and revisions will be ordered by the Executive Officer.



STEVEN R. RITCHIE  
EXECUTIVE OFFICER